

ABSTRACT

A frame synchronizing unit (11b) of a slave base station (1b) synchronizes its own frame with a frame of the master base station (1a), reception control slot setting control unit (12b) sets, as a reception control slot, a predetermined reception slot in its
5 own frame matching in timing with a reception control slot in the frame of the master base station (1a). A reception level obtaining unit (13a, 13b) of each of the base stations (1a, 1b) obtains a reception level of the reception control slot thus set when a link channel establishment request message is received in the set reception control slot. A traffic channel allocation control unit (20a, 20b) allocates a traffic channel with
10 respect to a mobile station transmitting the link channel establishment request message to predetermined transmission and reception slots in the frame according to a traffic channel allocation instruction.

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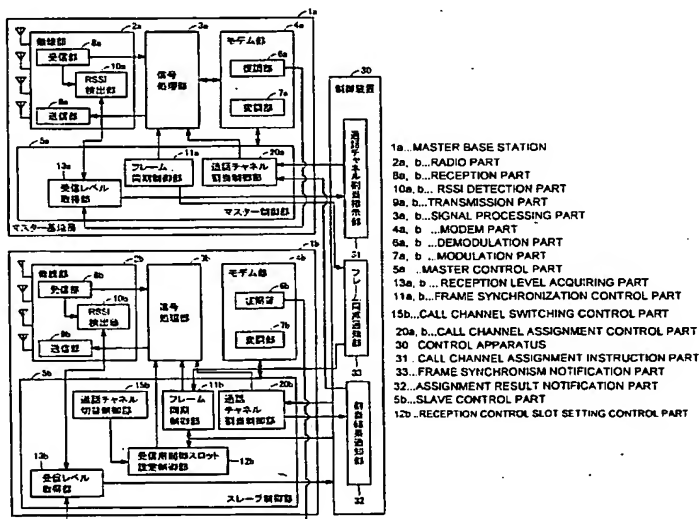
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(54) Title: RADIO BASE STATION SYSTEM, CHANNEL ASSIGNMENT METHOD, AND CHANNEL ASSIGNMENT PROGRAM

(54) 発明の名称: 無線基地局システム、チャネル割当方法、およびチャネル割当プログラム



(57) Abstract: A frame synchronization part (11b) of a slave base station (1b) synchronizes the frame thereof with the frame of a master base station (1a). A reception control slot setting control part (12b) sets a predetermined reception slot in the frame of the slave base station (1b), which has the same timing as the reception control slot in the frame of the master base station (1a), to the reception control slot. A reception level acquiring part (13a, 13b) of each base station (1a, 1b), when receiving a link channel establishment request message by use of the reception control slot, acquires the reception level of the slot. A call channel assignment control part (20a, 20b) assigns, in accordance with a call channel assignment instruction, a call channel to a mobile station that has transmitted the link channel establishment request message to predetermined transmission and reception slots in the frame.

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